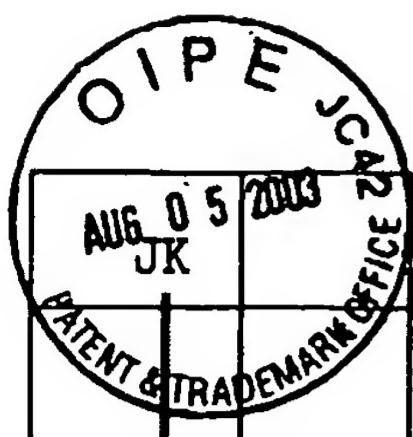




INFORMATION DISCLOSURE STATEMENT BY APPLICANT FORM PTO-1449				Attorney Docket No.: 16.06			Serial No.: 10/083,456
				Applicant: Jon Wolff et al.			Group: 1636
							Examiner: J. Ketter
U.S. PATENT DOCUMENTS							
Exmnr Intl	Seq	Patent Number	Issue Date	Patentee	Class	Sub Class	Filing Date
							February 26, 2002
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION							
		Document Number	Publ. Date	Country or Patent Office	Class	Sub Class	Transl. Yes No
OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, etc.)							
JK		Metrikin et al., "Intravitreal drug administration with depot devices," Current Opinion in Ophthalmology; 1994, vol. 5, pp. 21-29					
		Duzgunes et al., "pH-sensitive liposomes," California Biotechnology; pp.113-131					
		Hu et al., "Characterization of norfloxacin release from tablet coated with a new pH-sensitive polymer, p-4135f," Journal of Drug Targeting; 1999, vol. 7, no. 3, pp. 223-232					
		Hawley-Nelson et al., "Lipofectamine reagent: a new, higher efficiency polycationic liposome transfection reagent," Focus; vol. 15, no. 3, pp. 73-79					
		Kirby, "Effective Molarities for intramolecular reactions," University Chemical Laboratory, Cambridge, England; pp. 187-278					
		Legendre et al., "Delivery of Plasmid DNA into mammalian Cell Lines using pH-sensitive liposomes: comparison with cationic liposomes," Pharmaceutical Research; 1992, vol. 9, no. 10, pp. 1235-1241					
		Sezaki et al., "soluble macromolecular carriers for the delivery of antitumour drugs," Elsevier Science Publishers; 1989pp. 247-266					
		Jain et al., "Controlled drug delivery by biodegradable polyesters devices: different preparative approaches," Drug Development and Industrial Pharmacy; 1998, vol. 24, no. 8, pp. 703-727					
		Bertoni et al., "Uptake of oligonucleotide-loaded nanoparticles in prostatic cancer cells and their intracellular localization," European Journal of Pharmaceutics and Biopharmaceutics;					



JK	1999, vol. 47, pp. 119-123
AUG 05 2008	Gerweck et al., "Cellular pH gradient in tumor versus normal tissue: potential exploitation for the treatment of cancer," <i>Cancer Research</i> ; march 15, 1996, vol. 56, pp. 1194-1198
	Thorpe et al., "Comparison of two anti-thy 1.1-abrin a-chain immunotoxins prepared with different cross-linking agents: antitumor effects, in vivo fate, and tumor cell mutants," <i>JNCI</i> ; nov. 1987, vol. 79, no. 5, pp. 1101-1111
	Gill et al., "Calculation of protein extinction coefficients from amino acid sequence data," <i>Analytical Biochemistry</i> ; 1989, vol. 182, pp. 319-326
	Felgner et al., "Lipofection: a highly efficient, lipid-mediated dna-transfection procedure," <i>Proc. Natl. Acad. Sci. Usa</i> ; nov. 1987, vol. 84, pp. 7413-7417
	Lowman et al., "Oral delivery of insulin using pH-responsive complexation gels," <i>Journal of Pharmaceutical Science</i> ; sep. 1999, vol. 88, no. 9, pp. 933-937
	Ohmori et al., "The Enhancing effect of anionic a-Helical peptide on cationic peptide-mediating transfection systems," <i>Biochemical and Biophysical Research Communications</i> ; 1997, vol. 235, pp. 726-729
	Madsen et al., "Complexation graft copolymer networks: swelling properties, calcium binding and proteolytic enzyme inhibition," <i>Biomaterials</i> ; 1999, vol. 20, pp. 1701-1708
	Zauner et al., "Rhinovirus-mediated endosomal release of transfection complexes," <i>Journal of Virology</i> ; feb. 1995, vol. 69, no. 2, pp. 1085-1092
	Zhou et al., "DNA transfection mediated by cationic liposomes containing lipopolylysine: characterization and mechanism of action," <i>Biochimica et Biophysica Acta</i> ; 1994, vol. 1189, pp. 195-203
	Zhou et al., "Lipophilic polylysines mediate efficient DNA transfection in mammalian cells," <i>Biochimica et Biophysica Acta</i> ; 1991, vol. 1065, pp. 8-14
	Seetharam et al., "Increased cytotoxic activity of pseudomonas exotoxin and two chimeric toxins ending in kdel," <i>The Journal of Biological Chemistry</i> ; Sept. 15 1991, vol. 266, no. 26, pp. 17376-17381
	Senior et al., "Interaction of positively-charged liposomes with blood: implications for their application in vivo," <i>Biochimica et Biophysica Acta</i> ; 1991, vol. 1070, pp. 173-179
	Pastan et al., "Pseudomonas exotoxin: chimeric toxins" <i>The Journal of Biological Chemistry</i> ; Sept. 15 1989, vol. 264, no. 26, pp. 15157-15160
	Perez et al., "Comonomer sequence assignment of the Cn.m.r. spectra of some poly(epichlorohydrin) derivatives obtained by nucleophilic substitution," <i>Polymer</i> ; 1998, vol. 39, no. 17, pp. 3885-3892
	Nishikubo et al., "Degradation of dehydrochlorinated ly(epichlorohydrin) using photo-generated cationic catalysts," <i>Polymer Science: Part A: Polymer Chemistry</i> ; 1986, vol. 24, pp. 1097-1108
	Mechtler et al., "Gene transfer mediated by influenza virus peptides: the role of peptide sequences," <i>New Journal of Chemistry</i> ; 1997, vol. 21, pp. 105-111
	Kishore et al., "Polymers containing disulfide, tetrasulfide, diselenide and ditelluride linkages in the main chain," <i>Advances in Polymer Sciences</i> ; 1995, vol. 121
	Kichler et al., "Efficient gene delivery with neutral complexes of lipospermine and thiol-reactive phospholipids," <i>Biochemical and Biophysical Research Communications</i> ; 1995, vol. 209, no. 2, pp. 444-450



		Wolff et al., "Direct gene transfer into mouse muscle in vivo," <i>Science</i> ; 1990, vol. 247, pp. 1465-1468
		Wolfert et al., "Characterization of vectors for gene therapy formed by self-assembly of DNA with synthetic block co-polymers," <i>Human Gene Therapy</i> ; Nov. 1996, vol. 7, pp. 2123-2133
		Wagner et al., "Delivery of drugs, proteins and genes into cells using transferring as a ligand for receptor-mediated endocytosis," <i>Advanced Drug Delivery Reviews</i> ; 1994, vol. 14, pp. 113-135
		Wagner et al., "Influenza virus hemagglutinin ha-2 n-terminal fusogenic peptides augment gene transfer by transferring-polylysine-DNA complexes: toward a synthetic virus-like gene-transfer vehicle," <i>Proc. Natl. Acad. Sci.</i> ; Sept. 1992, vol. 89, pp. 7934-7938
		Wetering et al., "Copolymers of 2-(dimethylamino)ethyl methacrylate with ethoxyethylene glycol methacrylate or n-vinyl-pyrrolidone as gene transfer agents," <i>Journal of Controlled Release</i> ; 2000, vol. 64, pp. 193-203
		Trubetskoy et al., "Self-assembly of DNA-polymer complexes using template polymerization," <i>Nucleic Acids Research</i> ; 1998, vol. 26, no. 18, pp. 4178-4185
		Trubetskoy et al., "Quantitative Assessment of DNA Condensation," <i>Analytical Biochemistry</i> ; 1999, vol. 267, pp. 1-5
		Trubetskoy et al., "Layer-by-layer deposition of oppositely charged polyelectrolytes on the surface of condensed DNA particles," <i>Nucleic Acids Research</i> ; 1999, vol. 27, no. 15, pp. 3090-3095
		Trubetskoy et al., "Caged DNA does not aggregate in high ionic strength solutions," <i>Bioconjugate Chem.</i> ; 1999, vol. 10, pp. 624-628
		Seymour et al., "Polymer Chemistry" polymer chemistry;
		Remy et al., "Gene Transfer with a series of lipophilic DNA-binding molecules," <i>Bioconjugate Chem.</i> ; 1994, vol. 5, pp. 647-654
		Remy et al., "Targeted gene transfer into hepatoma cells with lipopolyamine-condensed DNA particles presenting galactose ligands: a stage toward artificial viruses," <i>Proc. Natl. Acad. Sci.</i> ; Feb. 1995, vol. 92, pp. 1744-1748
		O'Brien-Simpson et al., "Polymerization of Unprotected Synthetic Peptides: A View toward Synthetic Peptide Vaccines," <i>J. Am. Chem. Soc.</i> ; 1997, vol. 119, pp. 1183-1188
		Murthy et al., "the design and synthesis of polymers for eukaryotic membrane disruption," <i>Journal of Controlled Release</i> ; 1999, vol. 61, pp. 137-143
		Meyer et al., "Copolymers of N-isopropylacrylamide can trigger pH sensitivity to stable liposomes," <i>FEBS Letters</i> ; 1998, vol. 421, pp. 61-64
		Kresge et al., "vinyl ether hydrolysis. 9. isotope effects on proton transfer from the hydronium ion," <i>Journal of the American Chemical Society</i> ; Oct. 1977, vol. 99, no. 22, pp. 7228-7233
		Kamata et al., "Amphiphilic peptides enhance the efficiency of liposome-mediated DNA transfection," <i>Nucleic Acids Research</i> ; 1994, vol. 22, no. 3, pp. 536-537
		Goula et al., "size, diffusibility and transfection performance of linear PEI/DNA complexes in the mouse central nervous system," <i>Gene Therapy</i> ; 1998, vol. 5, pp. 712-717
		Danko et al., "high expression of naked plasmid DNA in muscles of young rodents," <i>Human Molecular Genetics</i> ; 1997, vol. 6, no. 9, pp. 1435-1443



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/James Ketter/ (Examiner)	01/25/2007 (Date Considered)
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